

What is claimed is:

1. A Fe-Cr-Al alloy used for electric resistance wires, comprising a balance element of Fe, a Cr element of 12~30 wt%, an Al element of 3~14 wt%, a Zr element of 0.01~1.5 wt%, a Ti element of 0.0001~0.1 wt%, and a Be element of below 0.1 wt%.

2. The alloy set forth in claim 1, further comprising a rare earth metal within the range of below 0.1 wt%.

3. The alloy set forth in claim 2, wherein said rare earth metal is misch metal composed of rare earth elements.

10 4. The alloy set forth in claim 3, wherein said rare earth metal is an element or mixture of at least two selected from the group consisting of Sc, La, Ce, Hf, Pd, Y, and Nd.

5. The alloy set forth in claim 1, wherein the content of said Be element is below 0.01 wt%.

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